

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	375/227.ccls. and ((sampl\$4 near2 area) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 03:32
L2	0	375/227.ccls. and ((count\$4 with (symbols or samples) with (area or constellation)) and (count\$4 with (table or memory or lookup or look-up or storage or register)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 03:33
L3	0	((count\$4 with (symbols or samples) with (area)) same constellation)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 03:33
S1	46	(Krieger.in. or Murali.in. or Eidson.in. or Haifa.in.) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/01 14:16
S2	69	((sampl\$4 near2 area) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/01 14:25
S3	4	((sampl\$4 near2 area) same count\$4) same ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/01 14:17
S4	1	375/227.ccls. and ((sampl\$4 near2 area) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/04 08:58
S5	1	375/227.ccls. and ((sampl\$4 with (collect\$4 near2 area)) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/01 14:23
S6	3	((sampl\$4 with (collect\$4 near2 area)) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 12:41
S7	295	((sampl\$4 with (window)) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/01 14:22
S8	1	375/227.ccls. and ((sampl\$4 with area) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/01 14:23

## EAST Search History

S9	224	((sampl\$4 with area) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/01 14:23
S10	155	S9 not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/01 15:28
S11	355	(sampl\$4 near3 (collect\$4 near2 area))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/03 13:41
S12	219	(sampl\$4 adj3 (collect\$4 near2 area))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/03 13:40
S13	0	(sampl\$4 adj3 (collect\$4 near2 area)) same ((signal with noise with ratio) or "SNR")\	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/03 13:46
S14	0	(sampl\$4 adj3 (collect\$4 near2 area)) same ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/03 13:41
S15	8	(sampl\$4 adj3 (collect\$4 near2 area)) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/03 13:42
S16	25	(sampl\$4 near3 (collect\$4 near2 area)) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/03 13:42
S17	1	(sampl\$4 adj3 (collect\$4 near2 area)) and ((signal with interference with ratio) or "SIR" or "SINR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/03 13:42
S18	0	(sampl\$4 near3 (collect\$4 near2 area)) and ((signal with inteference with ratio) or "SINR" or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/03 13:43
S19	0	(sampl\$4 near3 (collect\$4 near2 area)) and ((signal with inteference with ratio) or "SINR" or "SIR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/03 13:43
S20	1	(sampl\$4 near3 (collect\$4 near2 area)) and ((signal with interference with ratio) or "SINR" or "SIR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/03 13:43

## EAST Search History

S21	0	(symbol adj3 (collect\$4 near2 area)) same ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/03 13:47
S22	0	((symbols with (collect\$4 near2 area)) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/03 13:53
S23	1	((symbols with (collect\$4 near2 window)) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/03 13:50
S24	4	375/316-352.ccls. and (collect\$4 adj1 area)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/03 13:52
S25	2	375/316-352.ccls. and (collect\$4 adj1 window)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/04 08:58
S26	0	((symbols with (predetermined adj2 area)) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/03 13:54
S27	0	((symbols with (predetermined adj2 window)) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/03 13:54
S28	98	((symbols with window) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/03 14:13
S29	21	((symbols with area) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/03 14:12
S30	3	((symbols with window) same count\$4) and ((signal with interference with ratio) or "SIR" or "SINR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/03 14:11
S31	1	((symbols with area) same count\$4) and ((signal with interference with ratio) or "SINR" or "SIR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/03 14:12
S32	9	((signal with noise with ratio) or "SNR") near3 (scaling adj1 factor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/03 14:13

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S33	11	((signal with interference with ratio) or "SINR" or "SNR") near3 (scaling adj1 factor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/03 14:18
S34	883	(count\$4 adj4 (symbols or samples)) with predetermined	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/03 14:18
S35	11	((count\$4 adj4 (symbols or samples)) with predetermined) same ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 12:52
S36	65	(count\$4 adj4 (symbols or samples)) same ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 14:08
S37	1	(count\$4 adj4 (symbols or samples)) same ((signal with interference with ratio) or "SINR" or "SIR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/03 14:29
S38	744	((sampl\$4 or symbol) with (collect\$4 near2 area))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 12:42
S39	1	375/130-377.ccls. and ((sampl\$4 or symbol) with (collect\$4 near2 area))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 12:42
S40	0	((count\$4 adj4 (symbols or samples)) with quadrant) same ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 12:52
S41	19	((count\$4 adj4 (symbols or samples)) with quadrant)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 12:54
S42	2	((count\$4 adj4 (symbols or samples)) with quadrant) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 12:54
S43	2	(scaling with (deriv\$4 adj2 ((signal with noise with ratio) or "SNR")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 14:09
S44	3	(scaling same (deriv\$4 adj2 ((signal with noise with ratio) or "SNR")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 14:16

## EAST Search History

S45	1	((scaling same (deriv\$4 adj2 ((signal with noise with ratio) or "SNR")))) and quantiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 14:24
S46	0	((scaling adj1 factor) same (deriv\$4 adj2 ((signal with noise with ratio) or "SNR")))) and quantiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 14:25
S47	36	((scaling adj1 factor) same ((signal with noise with ratio) or "SNR")) and quantiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 14:34
S48	9	((scaling adj1 factor) same ((signal with noise with ratio) or "SNR")) same slicer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 14:35
S49	17	((scaling adj1 factor) same ((signal with noise with ratio) or "SNR")) and slicer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 15:07
S50	152	(viterbi with quantiz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 15:08
S51	90	((viterbi adj1 decod\$4) with quantiz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 15:09
S52	16	((viterbi adj1 decod\$4) near2 quantiz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 15:11
S53	8	((turbo adj1 decod\$4) near2 quantiz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 15:12
S54	9	((turbo adj1 decod\$4) near3 quantiz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 15:13
S55	13	((turbo adj1 decod\$4) near4 quantiz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 15:39
S56	0	((turbo adj1 decod\$4) near4 quantiz\$4) and (quantiz\$4 adj1 delta)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 16:45

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S57	105	(quantiz\$4 adj1 delta)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 15:40
S58	212	((turbo adj1 decod\$4) near4 MAP)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 16:45
S59	104	((turbo adj1 decod\$4) near2 MAP)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 16:45
S60	104	((turbo adj1 decod\$4) near2 "MAP")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 16:55
S61	82	((turbo adj1 decod\$4) near2 "MAP") and log	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/11 16:56
S62	3	(("0610837") or ("6542558")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/14 19:11
S63	4	(("6108373") or ("6542558")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/14 19:14
S64	492	(count\$4 with (sample near3 area))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:15
S65	39	(count\$4 with (sample near3 area)) and ("SNR" or (signal adj4 noise adj1 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:19
S66	41	(count\$4 with (sample near3 area)) and ("SNR" or (signal adj4 noise adj1 ratio) or "Eb")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:19
S67	2	S66 not S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:19
S68	3	(count\$4 with (symbols or samples) with (collect\$4 near3 area)) and ("SNR" or (signal adj4 noise adj1 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:20

## EAST Search History

S69	4	(count\$4 with (symbols or samples) with (collect\$4 near3 area)) and ("SNR" or (signal adj4 noise adj1 ratio) or Eb)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:21
S70	1	(count\$4 with (symbols or samples) with (collect\$4 near3 area)) and ("SNR" or (signal adj4 interference adj1 ratio) or Eb)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:20
S71	71	(count\$4 with (symbols or samples) with ("SNR" or (signal adj4 noise adj1 ratio)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:21
S72	47	(count\$4 near5 (symbols or samples) with ("SNR" or (signal adj4 noise adj1 ratio)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:55
S73	2	(count\$4 near5 (symbols or samples) with ("SNR" or (signal adj4 noise adj1 ratio))) same (lookup)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:23
S74	3	(count\$4 near5 (symbols or samples) same ("SNR" or (signal adj4 noise adj1 ratio))) same (lookup)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:24
S75	6	(count\$4 near5 (symbols or samples)) same (("SNR" or (signal adj4 noise adj1 ratio)) with table)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:25
S76	128	(count\$4 near5 (symbols or samples)) same ("SNR" or (signal adj4 noise adj1 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 20:01
S77	81	S76 not S71	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:35
S78	8	(count\$4) same (("SNR" or (signal adj4 noise adj1 ratio)) near3 (lookup or table or memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 20:00
S79	3	(count\$4) same (("SNR" or (signal adj3 interference adj1 ratio)) near3 (lookup or table or memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:59
S80	52	(count\$4) same (("SNR" or (signal adj4 noise adj1 ratio)) with (lookup or table or memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:59

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S81	44	S80 not S78	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:48
S82	1	(count\$4) same (("Eb" near2 ratio) with (lookup or table or memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:53
S83	53	(count\$4) same (("Eb") with (lookup or table or memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:54
S84	3982	(count\$4) same (("Es") with (lookup or table or memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:54
S85	15	S83 and ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:54
S86	29	(count\$4 near5 (bits) with ("SNR" or (signal adj4 noise adj1 ratio)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:55
S87	29	(count\$4 near5 bits) with ("SNR" or (signal adj4 noise adj1 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:59
S88	2642	(count\$4) same ("SNR" or (signal adj4 noise adj1 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 19:59
S89	219	(count\$4) and (("SNR" or (signal adj4 noise adj1 ratio)) near3 (lookup or table or memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 13:24
S90	218	S89 not S76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 20:01
S91	205	S89 not S80	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/14 20:01
S92	71	(count\$4 near5 (symbols or samples or bits)) and (("SNR" or (signal adj4 noise adj1 ratio)) near3 (lookup or table or memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 12:59



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S93	114	(count\$4 near5 (symbols or samples or bits)) and (("SNR" or (signal adj4 noise adj1 ratio)) near5 (lookup or table or memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 12:59
S94	71	(count\$4 near5 (symbols or samples or bits)) and (("SNR" or (signal adj4 noise adj1 ratio)) near3 (lookup or table or memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 13:00
S95	43	S93 not S94	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 13:00
S96	8	(count\$4) same (("SNR" or (signal adj4 noise adj1 ratio)) near3 (lookup or table or memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 13:30
S97	5	(scaling adj1 factor) with (deriv\$4) with ("SNR" or (signal adj4 noise adj1 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 13:32
S98	46	(scaling adj1 factor) near4 ("SNR" or (signal adj4 noise adj1 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 13:32
S99	12	(scaling adj1 factor) near4 ("SNR" or (signal adj4 noise adj1 ratio)) and quantiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 13:38
S100	41	(scal\$4) near4 ("SNR" or (signal adj4 noise adj1 ratio)) same quantiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 13:58
S101	1	(quantization adj1 delta) same ("SNR" or (signal adj4 noise adj1 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:17
S102	30	(uniform near3 quantization) same ("SNR" or (signal adj4 noise adj1 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:44
S103	2	("6484284").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/15 14:22
S104	0	S103 and quantiz44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/15 14:22

## EAST Search History

S10 5	1	S103 and quantiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/15 14:22
S10 6	40	((table or memory or lookup) near3 (constellation near3 size))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:51
S10 7	1	((table or memory or lookup) same (constellation) same (size near3 (collect\$4 or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 16:33
S10 8	62	Viterbi with (log-MAP)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 16:33
S10 9	17	Viterbi near3 (log-MAP)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 16:47
S11 0	2	advantag\$4 near2 (log-MAP)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 16:48
S11 1	5	advantag\$4 near4 (log-MAP)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 16:49
S11 2	97	(log-MAP) adj1 decod\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 16:53
S11 3	152	(log-MAP) near3 decod\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 16:53
S11 4	55	S113 not S112	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 17:19
S11 5	14	((state adj1 machine) near3 ASIC) and ((state adj1 machine) near4 control\$4 near4 memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 17:22
S11 6	2084	((state adj1 machine) near5ASIC) and ((state adj1 machine) near4 control\$4 near4 memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/15 17:22

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S11 7	40	((state adj1 machine) near5 "ASIC") and ((state adj1 machine) near4 control\$4 near4 memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 14:38
S11 8	851	((state adj1 machine) near5 "ASIC")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 14:38
S11 9	302	((state adj1 machine) near5 "ASIC") same logic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 14:38
S12 0	74	((state adj1 machine) near5 "ASIC") with control\$4) same logic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 14:42
S12 1	0	((state adj1 machine) adj4 compris\$4 adj3 "ASIC") with control\$4) same logic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 14:42
S12 2	0	((state adj1 machine) adj4 compris\$4 adj3 "ASIC") same logic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 14:42
S12 3	1	((state adj1 machine) adj4 compris\$4 adj3 "ASIC")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 14:43
S12 4	0	S123 and logic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 14:44
S12 5	2	("6072807").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/04/16 15:27
S12 6	135	(count\$4 near5 (symbols or samples)) same ("SNR" or (signal adj4 noise adj1 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/27 04:06
S12 7	135	(count\$4 near5 (symbols or samples)) same ("SNR" or (signal adj4 noise adj1 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/27 04:07
S12 8	1	"6484284".pn. and (table or memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/27 04:07

## EAST Search History

S12 9	132	(count\$4 near4 (symbols or samples)) same ("SNR" or "SINR" or (signal adj2 noise adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/03 19:16
S13 0	11	S129 and (("SNR" or "SINR" or (signal adj2 noise adj2 ratio)) with (memory or table))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/03 19:23
S13 1	132	S129 and (("SNR" or "SINR" or (signal adj2 noise adj2 ratio)) amd (memory or table))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/03 19:24
S13 2	37	S129 and (("SNR" or "SINR" or (signal adj2 noise adj2 ratio)) same (memory or table))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/03 19:24
S13 3	43	S129 and (("SNR" or "SINR" or (signal adj2 noise adj2 ratio) or "S/N") same (memory or table))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/03 19:25
S13 4	32	S133 not S130	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/03 19:41
S13 5	4	((("6108373") or ("4627103"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/04 08:49
S13 6	4	"6108373".pn. or "4627103".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/03 19:44
S13 7	8	(constellation) same (count\$4 near4 area)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/04 08:50
S13 8	13	(constellation) same (count\$4 near4 area)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/04 08:51
S13 9	5	S138 not S137	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/04 08:51
S14 0	1	375/227.ccls. and ((sampl\$4 near2 area) same count\$4) and ((signal with noise with ratio) or "SNR")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 03:32

## EAST Search History

S14 1	2	375/316-352.ccls. and (collect\$4 adj1 window)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/04 08:58
S14 2	472	(count\$4 with (symbols or samples) with (area or constellation)) and (count\$4 with (table or memory or lookup or look-up or storage or register))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 03:33
S14 3	10	S142 and constellation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 00:29
S14 4	20	("4627103" "5394439" "5703526" "6108373" "6201817" "6484284" "6542558" "6591390" "6829313" "6901117"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 00:29
S14 5	1	((count\$4 with (symbols or samples) with (area)) same constellation) and (count\$4 with (table or memory or lookup or look-up or storage or register))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 00:41
S14 6	2	((count\$4 with (symbols or samples) with (area)) same constellation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 03:33
S14 7	27	((count\$4 with (symbols or samples) with (area)) and constellation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 01:27
S14 8	134	(count\$4 with (symbols or samples) with (area)) same (count\$4 with (table or memory or lookup or look-up))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 01:01
S14 9	174	(count\$4 with (symbols or samples) with (area)) same (count\$4 with (table or memory or lookup or look-up or storage))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 01:03
S15 0	1	(count\$4 with (symbols or samples) with (area)) same (count\$4 with ((look- up or lookup) adj1 table))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 01:04
S15 1	7	(count\$4 with (symbols or samples) with (area)) and (count\$4 with ((look- up or lookup) adj1 table))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 01:04